

CBT AOP V1.10 Run: 10-Apr-2006 10:50
 Minimum Plan w/ 60% and Carter Lake Outlet Works in Fall 2007

COLORADO-BIG THOMPSON MONTHLY OPERATIONS

HYDROLOGY OPERATIONS

Green Mtn Reservoir		Initial	Cont	65.5	kaf	Maximum	Cont	153.6	kaf	Minimum	Cont	6.0	kaf	
		Elev		7895.42	ft	Elev		7949.91	ft	Elev		7795.72	ft	
2006		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Dillon Inflow	kaf	7.7	33.1	94.9	67.6	23.6	11.0	6.4	4.9	4.2	3.9	3.6	4.3	265.2
Dillon-Grn Mtn Gain	kaf	8.2	23.8	61.1	44.6	18.0	10.4	6.8	4.9	4.1	3.6	3.3	4.2	193.0
Undepleted Inflow	kaf	15.9	56.9	156.0	112.2	41.6	21.4	13.2	9.8	8.3	7.5	6.9	8.5	458.2
Depletion	kaf	2.3	13.6	61.5	19.3	9.0	5.3	2.3	0.5	0.0	0.0	0.0	0.0	113.8
Depleted Inflow	kaf	13.6	43.3	94.5	92.9	32.6	16.1	10.9	9.3	8.3	7.5	6.9	8.5	344.4
Turbine Release	kaf	12.5	6.1	0.0	0.0	58.7	38.5	26.8	13.3	12.7	12.7	11.5	12.7	205.5
Spill/Waste	kaf	0.0	0.0	58.1	77.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.2
Total River Release	kaf	12.5	6.1	58.1	77.1	58.7	38.5	26.8	13.3	12.7	12.7	11.5	12.7	340.7
Min Release	cfs	210	99	976	1252	954	647	436	224	207	207	207	207	
Total River Release	cfs	210	99	976	1254	955	647	436	224	207	207	207	207	
Evaporation	kaf	0.3	0.5	0.8	0.8	0.6	0.5	0.3	0.1	0.0	0.0	0.0	0.2	4.1
End-Month Targets	kaf	153.6	153.6	153.6						100.0	100.0			70.0
End-Month Content	kaf	66.3	103.0	138.6	153.6	126.9	104.0	87.8	83.7	79.3	74.1	69.5	65.1	
End-Month Elevation	ft	7896.11	7922.84	7942.61	7949.91	7936.54	7923.46	7912.78	7909.85	7906.58	7902.56	7898.82	7895.07	
Willow Crk Reservoir		Initial	Cont	9.1	kaf	Maximum	Cont	10.2	kaf	Minimum	Cont	7.2	kaf	
		Elev		8124.88	ft	Elev		8128.83	ft	Elev		8116.90	ft	
2006		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Native Inflow	kaf	3.7	19.7	13.1	3.2	1.6	1.1	1.3	1.0	0.8	0.8	0.7	1.0	48.0
Min Release	kaf	0.4	1.5	2.6	2.2	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	10.0
Spill/Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total River Release	kaf	0.4	1.5	2.6	2.2	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	10.0
Pumped to Granby	kaf	5.1	16.3	9.4	1.9	0.8	0.8	1.4	1.3	0.0	0.0	0.0	0.0	37.0
Evaporation	kaf	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.7
End-Month Targets	kaf	7.2	9.0	10.0	9.0			9.0		7.7				
End-Month Content	kaf	7.2	9.0	10.0	9.0	9.2	8.4	8.4	7.7	8.1	8.5	8.8	9.4	
End-Month Elevation	ft	8116.90	8124.50	8128.14	8124.50	8125.26	8124.50	8122.14	8119.18	8120.90	8122.55	8123.73	8126.00	
Lake Granby		Initial	Cont	320.4	kaf	Maximum	Cont	536.1	kaf	Minimum	Cont	76.5	kaf	
		Elev		8246.04	ft	Elev		8279.50	ft	Elev		8186.91	ft	
2006		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Native inflow	kaf	4.3	17.8	37.2	15.2	4.7	2.9	2.4	1.6	1.5	1.4	1.2	1.4	91.6
Releases from Shadow Mtn	kaf	1.2	1.2	47.0	9.4	2.5	2.1	2.2	2.7	2.8	1.2	1.1	1.2	74.6
Pump from Windy Gap	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pump from Willow Crk	kaf	5.1	16.3	9.4	1.9	0.8	0.8	1.4	1.3	0.0	0.0	0.0	0.0	37.0
Total Inflow	kaf	10.6	35.3	93.6	26.5	8.0	5.8	6.0	5.6	4.3	2.6	2.3	2.6	203.2
Min River Release	kaf	1.2	4.6	4.7	3.3	2.5	1.0	1.2	1.2	1.2	1.2	1.1	1.2	24.4
Spill/Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total River Release	kaf	1.2	4.6	4.7	3.3	2.5	1.0	1.2	1.2	1.2	1.2	1.1	1.2	24.4
Pumped to Shadow Mtn	kaf	17.7	9.1	0.0	0.0	5.9	5.4	4.9	3.4	32.5	31.9	12.7	31.4	154.9
Evaporation	kaf	1.3	2.0	2.7	2.6	2.1	1.9	1.4	0.6	0.2	0.0	0.0	0.8	15.6
Seepage loss	kaf	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	4.0
End-Month Content	kaf	310.5	329.8	415.6	435.8	432.9	430.0	428.2	428.3	398.4	367.6	355.8	324.7	
End-Month Elevation	ft	8244.27	8247.69	8261.88	8265.00	8264.56	8264.11	8263.83	8263.85	8259.15	8254.13	8252.16	8246.80	
Shadow Mtn		Initial	Cont	17.7	kaf	Maximum	Cont	18.4	kaf	Minimum	Cont	16.6	kaf	
		Elev		8366.62	ft	Elev		8367.00	ft	Elev		8366.02	ft	
2006		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Native inflow	kaf	6.5	26.6	55.7	22.7	7.0	4.4	3.5	2.5	2.2	2.1	1.8	2.2	137.2
Pumped from Granby	kaf	17.7	9.1	0.0	0.0	5.9	5.4	4.9	3.4	32.5	31.9	12.7	31.4	154.9
Total Inflow	kaf	24.2	35.7	55.7	22.7	12.9	9.8	8.4	5.9	34.7	34.0	14.5	33.6	292.1
Min River Release	kaf	1.2	1.2	3.0	3.1	2.5	2.1	2.2	2.7	2.8	1.2	1.1	1.2	24.3
Spill/Bypass	kaf	0.0	0.0	44.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.3
Total River Release	kaf	1.2	1.2	47.0	9.4	2.5	2.1	2.2	2.7	2.8	1.2	1.1	1.2	74.6
Adams Tunnel Flow	kaf	22.6	33.8	7.9	12.6	9.8	7.2	5.8	3.0	31.8	32.8	13.4	32.1	212.8

Windy Gap demand	kaf	0.0	0.0	0.0	1.4	1.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	4.1
Total requirement	kaf	1.0	2.3	2.2	5.7	6.8	4.3	2.2	0.0	0.0	0.0	0.0	0.0	24.5
Total delivery	kaf	1.0	2.3	2.2	5.7	6.8	4.3	2.2	0.0	0.0	0.0	0.0	0.0	24.5
% required delivery	%	100	100	100	100	100	100	100	0	0	0	0	0	
Shortage	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hansen Canal 550	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Inflow from Flatiron	kaf	3.6	22.2	2.4	3.3	2.8	2.7	3.4	2.1	13.5	24.0	13.3	12.5	105.8
Maximum flow	kaf	3.6	32.0	30.9	32.0	32.0	3.3	3.4	3.3	13.5	32.0	28.9	32.0	246.9
Seepage loss	kaf	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.4
Irrigation demand	kaf	0.5	0.8	0.7	1.6	1.1	1.0	0.7	0.4	0.4	0.4	0.4	0.4	8.4
Irrigation delivery	kaf	0.5	0.8	0.7	1.6	1.1	1.0	0.7	0.4	0.4	0.4	0.4	0.4	8.4
Minimum flow	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.1	3.1	2.8	1.5	22.5
Rels to Horsetooth	kaf	2.9	21.2	1.5	1.5	1.5	1.5	2.5	1.5	12.9	23.4	12.7	11.9	95.0
Horsetooth Reservoir		Initial Cont Elev 117.7 kaf 5409.36 ft				Maximum Cont Elev 156.7 kaf 5429.98 ft				Minimum Cont Elev 5.0 kaf 5297.06 ft				
	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Inflow	kaf	2.9	21.2	1.5	1.5	1.5	1.5	2.5	1.5	12.9	23.4	12.7	11.9	95.0
Total irr delivery	kaf	2.0	5.4	6.1	16.1	19.6	12.4	8.0	1.4	1.4	1.4	1.4	1.6	76.8
Evaporation loss	kaf	0.4	0.7	0.8	0.7	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.3	4.2
Seepage loss	kaf	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	1.7
End-Month Targets	kaf	130.0	135.0					72.0				120.0	130.0	
End-Month Content	kaf	118.0	132.9	127.3	111.8	93.1	81.7	75.8	75.7	87.1	108.9	120.1	130.0	
End-Month Elevation	ft	5409.53	5417.78	5414.74	5405.94	5394.46	5386.88	5382.75	5382.68	5390.53	5404.23	5410.72	5416.21	
Irrigation demand	kaf	0.2	2.7	3.2	9.9	13.8	7.4	5.9	0.0	0.0	0.0	0.0	0.0	43.1
Metered delivery	kaf	1.4	2.3	2.5	3.9	3.5	2.8	1.7	1.0	1.0	1.0	1.0	1.2	23.3
Windy Gap demand	kaf	0.4	0.4	0.4	2.3	2.3	2.2	0.4	0.4	0.4	0.4	0.4	0.4	10.4
Total demand	kaf	2.0	5.4	6.1	16.1	19.6	12.4	8.0	1.4	1.4	1.4	1.4	1.6	76.8
Total irr delivery	kaf	2.0	5.4	6.1	16.1	19.6	12.4	8.0	1.4	1.4	1.4	1.4	1.6	76.8
% required delivery	%	100	100	100	100	100	100	100	100	100	100	100	100	
Shortage	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total CBT Delivery	kaf	5.1	12.2	13.3	37.1	34.3	21.7	14.3	2.5	2.5	2.8	2.8	2.9	151.5
Windy Gap Ownership	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total release	kaf	0.9	2.4	2.6	5.7	5.5	5.0	0.9	0.7	0.7	0.7	0.7	0.7	26.5
Spill	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
End-month Ownership	kaf	-0.9	-3.3	-5.9	-11.6	-17.1	-22.1	-23.0	-23.7	-24.4	-25.1	-25.8	-26.5	
PUMPING AND GENERATION OPERATIONS														
Green Mtn Gen	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Max Generation	gwh	8.932	9.300	0.000	0.000	18.600	18.000	18.600	9.000	9.300	9.300	8.400	9.300	118.732
Generation	gwh	2.032	1.074	0.000	0.000	12.112	7.497	4.919	2.353	2.208	2.164	1.918	2.077	38.354
% Max Generation	%	23	12			65	42	26	26	24	23	23	22	
Ave kwh/af		163	176			206	195	184	177	174	170	167	164	
Willow Crk Pumping	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Maximum pumping	kaf	26.8	27.7	26.8	27.7	27.7	26.8	27.7	26.8	0.0	0.0	0.0	0.0	218.0
Actual pumping	kaf	5.1	16.3	9.4	1.9	0.8	0.8	1.4	1.3	0.0	0.0	0.0	0.0	37.0
Pump energy	gwh	1.086	3.472	2.002	0.405	0.170	0.170	0.298	0.277	0.000	0.000	0.000	0.000	7.880
% max pumping	%	19	59	35	7	3	3	5	5					
Average kwh/af		213	213	213	213	213	213	213	213					
Lake Granby Pumping	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Maximum pumping	kaf	35.7	36.9	35.7	36.9	36.9	35.7	36.9	35.7	36.9	36.9	33.3	36.9	434.4
Actual pumping	kaf	17.7	9.1	0.0	0.0	5.9	5.4	4.9	3.4	32.5	31.9	12.7	31.4	154.9
Pump energy	gwh	2.744	1.401	0.000	0.000	0.856	0.783	0.711	0.493	4.778	4.753	1.905	4.773	23.197
% max pumping	%	50	25			16	15	13	10	88	86	38	85	
Average kwh/af		155	154			145	145	145	145	147	149	150	152	
Marys Lake Gen	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Adams Tunnel Flow	kaf	22.6	33.8	7.9	12.6	9.8	7.2	5.8	3.0	31.8	32.8	13.4	32.1	
Max generation	gwh	2.880	0.000	5.840	6.060	6.060	5.840	6.060	5.860	6.060	5.400	6.060	62.160	
Generation	gwh	2.880	0.000	1.280	2.220	1.660	1.140	0.960	0.500	5.660	5.860	2.380	5.720	30.260
% Max Generation	%	100		22	37	27	20	16	9	93	97	44	94	
Ave kwh/af		176		162	176	169	158	166	167	178	179	178	178	
Lake Estes Gen	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total

Project Generation and Pumping Summary																
Project		Generation and Pumping Data (GWh)														
		2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	
Adams Tunnel Flow	kaf	22.6	33.8	7.9	12.6	9.8	7.2	5.8	3.0	31.8	32.8	13.4	32.1			
Max generation	gwh	11.580	11.200	14.450	14.920	14.920	10.060	10.450	10.060	14.920	14.920	9.460	10.450	147.390		
Generation	gwh	9.940	11.200	3.350	5.840	4.300	3.000	2.420	1.300	14.020	14.500	6.200	10.450	86.520		
% Max Generation	%	86	100	23	39	29	30	23	13	94	97	66	100			
Ave kwh/af		440	441	424	463	439	417	417	433	441	442	463	441			
Pole Hill Gen	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total		
Olympus Tunnel flow	kaf	23.1	33.8	22.9	19.2	9.8	7.2	5.8	3.1	31.8	32.8	13.4	32.1	235.0		
Max generation	gwh	24.460	25.260	24.460	25.260	25.260	24.460	12.910	12.460	25.260	25.260	22.800	25.260	273.110		
Generation	gwh	17.200	25.190	17.060	14.550	6.520	4.800	3.720	1.930	21.910	19.960	10.040	23.900	166.780		
% Max Generation	%	70	100	70	58	26	20	29	15	87	79	44	95			
Ave kwh/af		745	745	745	758	665	667	641	623	689	609	749	745			
Flatiron 1&2 Gen	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total		
Inflow to Flatiron	kaf	23.0	33.7	22.8	19.1	9.6	7.0	5.6	2.9	31.6	32.7	13.3	32.0	233.3		
Max generation	gwh	24.440	29.040	28.130	29.040	29.040	28.130	29.040	24.440	25.240	23.420	23.300	29.040	322.300		
Generation	gwh	20.600	28.960	20.420	17.090	7.940	5.800	4.380	2.230	25.240	23.420	11.870	27.500	195.450		
% Max Generation	%	84	100	73	59	27	21	15	9	100	100	51	95			
Ave kwh/af		896	859	896	895	827	829	782	769	861	877	892	859			
Flatiron 3 Pump/Gen	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total		
Maximum pumping	kaf	18.6	18.1	17.6	19.6	0.0	0.0	0.0	11.8	23.3	21.7	0.0	20.2	150.9		
Pump from Flatiron	kaf	17.9	9.2	3.2	3.5	0.0	0.0	0.0	0.7	18.1	8.7	0.0	19.5	80.8		
Pump energy	gwh	5.907	3.211	1.110	1.138	0.000	0.000	0.000	0.188	5.032	2.567	0.000	6.143	25.296		
% max pumping	%	96	51	18	18				6	78	40		97			
Average kwh/af		330	349	347	325				268	278	295		315			
Release to Flatiron	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Actual generation	gwh	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
% max generation	%															
Average kwh/af																
Big Thompson Gen	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total		
Total release	kaf	2.9	15.2	23.9	20.1	11.9	6.8	2.2	0.1	0.0	0.0	0.0	0.0	0.0	83.1	
Turbine release	kaf	2.9	15.2	23.9	20.1	11.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.8	
Wasteway release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.1	0.0	0.0	0.0	0.0	0.0	2.3	
Max generation	gwh	3.800	3.940	3.800	3.940	3.940	3.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.220	
Generation	gwh	0.249	2.240	3.800	3.120	1.680	0.760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.849	
% Max Generation	%	7	57	100	79	43	20									
Ave kwh/af		86	147	159	155	141	112									
PROJECT GENERATION AND PUMPING SUMMARY																
Project Generation		2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	
Base Generation:																
Big Thompson	gwh	0.249	2.240	3.800	3.120	1.680	0.760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.849	
Green Mtn	gwh	2.032	1.074	0.000	0.000	12.112	7.497	4.919	2.353	2.208	2.164	1.918	2.077	38.354		
Flatiron 3	gwh	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total	gwh	2.281	3.314	3.800	3.120	13.792	8.257	4.919	2.353	2.208	2.164	1.918	2.077	50.203		
Load Following Generation:																
Marys Lake	gwh	2.880	0.000	1.280	2.220	1.660	1.140	0.960	0.500	5.660	5.860	2.380	5.720	30.260		
Lake Estes	gwh	9.940	11.200	3.350	5.840	4.300	3.000	2.420	1.300	14.020	14.500	6.200	10.450	86.520		
Pole Hill	gwh	17.200	25.190	17.060	14.550	6.520	4.800	3.720	1.930	21.910	19.960	10.040	23.900	166.780		
Flatiron 1,2	gwh	20.600	28.960	20.420	17.090	7.940	5.800	4.380	2.230	25.240	23.420	11.870	27.500	195.450		
Total	gwh	50.620	65.350	42.110	39.700	20.420	14.740	11.480	5.960	66.830	63.740	30.490	67.570	479.010		
Total generation	gwh	52.901	68.664	45.910	42.820	34.212	22.997	16.399	8.313	69.038	65.904	32.408	69.647	529.213		
Total max generation	gwh	76.092	78.740	76.680	79.220	97.820	90.290	77.060	61.800	80.780	78.960	69.360	80.110	946.912		
Project Pump Energy		2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	
Granby	gwh	2.744	1.401	0.000	0.000	0.856	0.783	0.711	0.493	4.778	4.753	1.905	4.773	23.197		
Willow Creek	gwh	1.086	3.472	2.002	0.405	0.170	0.170	0.298	0.277	0.000	0.000	0.000	0.000	7.880		
Flatiron 3	gwh	5.907	3.211	1.110	1.138	0.000	0.000	0.000	0.188	5.032	2.567	0.000	6.143	25.296		
Total pump energy	gwh	9.737	8.084	3.112	1.543	1.026	0.953	1.009	0.958	9.810	7.320	1.905	10.916	56.373		
Total net generation	gwh	43.164	60.580	42.798	41.277	33.186	22.044	15.390	7.355	59.228	58.584	30.503	58.731	472.840		
Release Flexibility		2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	
Adams Tunnel	Min kaf	22.6	33.8	7.9	12.6	3.9	1.8	0.9	3.0	12.3	12.3	11.1	32.1			
Adams Tunnel	Max kaf	22.6	33.8	17.7	23.9	15.2	13.1	16.9	3.0	33.8	33.8	30.5	32.1			

Marys Lake	Min gwh	2.880	0.000	1.280	2.220	0.680	0.000	0.000	0.500	2.160	2.160	1.920	5.720
Marys Lake	Max gwh	2.880	0.000	3.140	4.280	2.640	2.320	2.980	0.500	6.060	6.060	5.400	5.720
Lake Estes	Min gwh	9.940	11.200	3.350	5.840	1.660	0.000	0.000	1.300	5.720	5.720	4.970	10.450
Lake Estes	Max gwh	9.940	11.200	8.080	10.550	7.080	6.050	7.760	1.300	14.920	14.920	9.460	10.450
Olympus Tunnel	Min kaf	23.1	33.8	22.9	19.2	3.9	1.8	0.9	3.1	12.3	12.3	11.1	32.1
Olympus Tunnel	Max kaf	23.1	33.8	32.7	30.5	15.2	13.1	16.9	3.1	33.8	33.8	30.5	32.1
Pole Hill	Min gwh	17.280	25.260	17.130	14.600	2.630	0.000	0.000	2.070	9.310	9.310	8.380	23.980
Pole Hill	Max gwh	17.280	25.260	24.460	22.800	11.460	9.880	12.910	2.070	25.260	25.260	22.800	23.980
Flatiron 1&2	Min gwh	20.600	28.960	20.420	17.090	2.860	0.000	0.000	2.230	10.790	10.880	9.800	27.500
Flatiron 1&2	Max gwh	20.600	28.960	28.040	26.160	13.400	11.510	14.900	2.230	25.240	23.420	23.300	27.500
Load following	Min gwh	50.700	65.420	42.180	39.750	7.830	0.000	0.000	6.100	27.980	28.070	25.070	67.650
Load following	Max gwh	50.700	65.420	63.720	63.790	34.580	29.760	38.550	6.100	71.480	69.660	60.960	67.650
Total project	Min gwh	52.981	68.734	45.980	42.870	21.622	8.257	4.919	8.453	30.188	30.234	26.988	69.727
Total project	Max gwh	52.981	68.734	67.520	66.910	48.372	38.017	43.469	8.453	73.688	71.824	62.878	69.727

GENERATION CAPACITY AND DURATION

Project	Generation	2006	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
<hr/>															
Base Generation:															
Green Mtn	mw	2.8	1.4				16.3	10.4	6.6	3.3	3.0	2.9	2.9	2.8	
Flatiron 3	mw														
Big Thompson	mw	0.3	3.0	5.3	4.2	2.3	1.1								
Total base load	mw	3.1	4.4	5.3	4.2	18.6	11.5	6.6	3.3	3.0	2.9	2.9	2.8		
Load Following Generation:															
Marys Lake															
Min Capacity	mw	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	2.7	8.1	0.0	8.1		
Duration	hr/d	6.7	12.0	10.9	10.8	11.4	10.2	12.4	17.0	1.1	12.0	10.6	12.0		
Max Capacity	mw	8.1	8.1	3.4	5.8	4.7	2.9	2.7	2.7	8.1	8.1	6.1	8.1		
Duration	hr/d	16.3	12.0	12.2	12.2	11.6	13.6	11.6	7.0	22.9	12.0	12.4	12.0		
Lake Estes															
Min Capacity	mw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Duration	hr/d	12.0	11.0	12.0	12.0	12.0	12.0	12.4	17.0	11.3	11.0	12.0	11.0		
Max Capacity	mw	28.8	45.0	9.9	15.2	12.4	8.8	7.0	7.0	44.4	45.0	15.9	45.0		
Duration	hr/d	12.0	10.0	12.0	12.0	12.0	12.0	11.6	7.0	10.3	10.0	12.0	10.0		
Pole Hill															
Min Capacity	mw	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	34.0		
Duration	hr/d	7.0	12.0	7.2	9.9	12.0	12.0	12.4	16.9	0.7	12.0	12.0	12.0		
Max Capacity	mw	34.0	34.0	34.0	34.0	19.4	12.6	11.0	34.0	34.0	34.0	28.2	34.0		
Duration	hr/d	17.0	12.0	16.8	14.1	12.0	12.0	11.6	7.1	23.3	12.0	12.0	12.0		
Flatiron 1&2															
Min Capacity	mw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Duration	hr/d	12.0	8.7	12.0	12.0	12.0	12.0	12.8	17.3	10.4	9.4	12.0	9.9		
Max Capacity	mw	56.0	86.0	55.6	46.2	23.2	16.0	13.0	83.2	85.4	85.4	32.9	84.0		
Duration	hr/d	12.0	10.0	12.0	12.0	12.0	12.0	11.2	6.7	10.4	10.0	12.0	10.1		
Total Load Following															
Min Capacity	mw	0.0	42.1	0.0	0.0	0.0	0.0	0.0	0.0	2.7	42.1	0.0	42.1		
Max Capacity	mw	126.9	173.1	102.9	101.2	59.7	40.3	33.7	33.7	169.7	172.5	83.1	171.1		
Total Project Capacity															
Min Capacity	mw	3.1	46.5	5.3	4.2	18.6	11.5	6.6	3.3	5.7	45.0	2.9	44.9		
Max Capacity	mw	130.0	177.5	108.2	105.4	78.3	51.8	40.3	37.0	172.7	175.4	86.0	173.9		